

INFORMATION DISCLOSURE CITATION

Attorney Docket No.: GC532-C1	Serial No.: Unassigned 10/665,689
Applicant: David A Estell	
Filing Date: Filed Herewith	Group: Unassigned 1656
Page 1 of 3	Date of this Submission: September 18, 2003

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Examiner's	Document				Sub-	Filing
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WWM	*4,404,128	9/13/83	Anderson	252	546	5/29/81
	*5,612,055	3/18/97	Bedford et al.	424	442	8/16/95
	*5,185,258	2/9/93	Caldwell et al.	435	220	10/19/90
	*5,204,015	4/20/93	Caldwell et al.	252	174.12	10/9/92
	*5,182,204	1/26/93	Estell et al.	435	222	12/11/91
	*5,155,033	10/13/92	Estell et al.	435	221	1/6/89
	*4,760,025	7/26/88	Estell et al.	435	222	5/29/84
	*5,264,366	11/23/93	Ferrari et al.	435	252.31	11/25/91
	*5,314,692	5/24/94	Haarasilta et al.	424	94.2	5/2/91
	*4,261,868	4/14/81	Hora et al.	252	529	8/879
	*5,147,642	9/15/92	Lotz et al.	424	94.61	12/5/89
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WWM	*4,914,031	4/3/90	Zukowski et al.	435	222	4/10/87

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Examiner's	Document				Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No
WWM	*0 328 229 B1	1/19/94	EP	—	—	
	*0 134 267	8/2/89	EP	—	—	
	*WO 89/06279	7/13/89	PCT	—	—	
	*WO 92/10755	6/25/92	PCT	—	—	
	*WO 94/10191	5/11/94	PCT	—	—	
	*WO 96/17929	6/13/96	PCT	—	—	
	*WO 96/40791	12/19/96	PCT	—	—	
WWM	*WO 97/30148	8/21/97	PCT	—	—	

Examiner	Date Considered
Michael V. Moore	4 November 2003
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WOM	*WO 93 11794A	6/24/93	PCT	—	—	
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Initials	Author, Title, Date, Pertinent Pages, etc.
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	*Drenth, Jan et al., « Subtilisin Novo—The Three-Dimensional Structure and Its Comparison with Subtilisin BPN, » Eur. J. Biochem. Vol. 26, pp. 177-181, 1972.
	*Kiefer et al., "Identification of a second human subtilisin -like protease gene in the fes/fps region of chromosome 15," <i>DNA and CELL biology</i> , (1991 DEC) 10 (10) pp. 757-69
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	*Poulos, Thomas L., et al., « Polypeptide Halomethyl Ketones Bind to Serine Proteases as Analogs of the Tetrahedral Intermediate, » The Journal of Biological Chemistry, vol. 251, pp. 1097-1103, 1976.
	*Ramnarayan et al., "Antibody humanization predicted by computer graphic analysis," <i>American Biotechnology Laboratory</i> , (1995 Aug) 13 (9) 26, 28, whole document
	*Robertus, Jon D. et al., « An X-ray Crystallographic Study of the Binding of Peptide Chloromethyl ketone Inhibitors to Subtilisin BPN » Biochemistry, vol. 11, no. 13, pp. 2439-2449, 1972.
✓	*Siezen et al, "Homology modelling and protein engineering strategy of subtilases, the family of subtilisin-like serine proteinases," <i>Protein Engineering</i> , Vol. 4, No. 7, 1 January 1991, pp. 719-737
WOM	*Smeekens, Steven P. et al., « Identification of a Human Insulinoma cDNA Encoding a Novel Mammalian Protein Structurally Related to the Yeast Dibasic Processing Protease Kex2, » The Journal of Biological Chemistry, vol. 265, no. 6, pp. 2997-3000, 1990.
Examiner	Date Considered
WOM	4 November 2005
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Initials	Author, Title, Date, Pertinent Pages, etc.
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	*Stead, Robert M., « A Family of Protein-Cutting Proteins, » R. Soc. Amer., vol. 131, pp. 1-66. <i>No date</i>
<i>WLM</i>	*Svendsen, I.B., « Chemical Modifications of the Subtilisins with Special Reference to the Binding of Large Substrates. A Review, » Carlsberg Res. Comm., vol. 41, no. 5, pp. 237-291, 1976.
<i>WLM</i>	*Tomkinson, Birgitta et al., « Characterization of cDNA for Human Tripeptidyl Peptidase II : The N-Terminal Part of the Enzyme is Similar to Subtilisin, » Biochem., vol. 30, pp. 168-174, 1991.
<i>WLM</i>	*Wright, Christine et al., « Structure of Subtilisin BPN' at 2.5 Å Resolution, » Nature, vol. 221, pp. 235-242, 1969.
	*Copy of PCT Search Report
Examiner	Date Considered
<i>William A. Moon</i>	<i>4 November 2003</i>
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